Optoma

EP780

Digital DLP® Projector

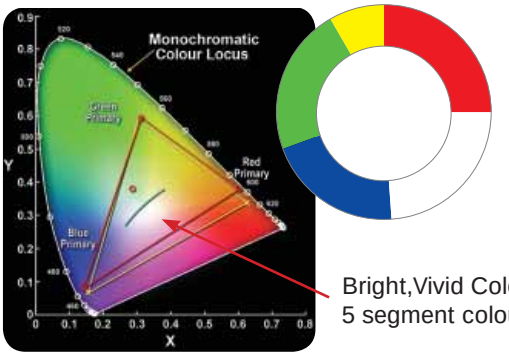
Astonishing Brightness from a compact package
Installation grade performance perfect for any application

- Exceptional, Bright **4000 lumens**, for powerful presentations in any environment
- **5 segment colour wheel** (RGBWY) for superior colour reproduction
- Texas Instruments DarkChip3™ DMD (DLP®) Technology producing Superior Contrast at **3000:1** for unparalleled image clarity
- Total connectivity with DVI-D, Dual VGA - SCART & Component Compatible, S-Video, Composite video
- 10 Bit image processing & DDP3020 scaler provide High performance De-Interlacing for improved Picture Quality
- Patented Tunnel Cooling System for near silent operation at 30dB and minimum light leakage
- Network administrative management capability with web management interface and SMTP alarm messaging system
- Short Throw Lens option for larger images from shorter projection distances

PICTURE BY DLP TEXAS INSTRUMENTS

EP780 - Digital DLP® Projector

Optoma 5 Segment Colour wheel produces true vivid colours and maximises colour accuracy

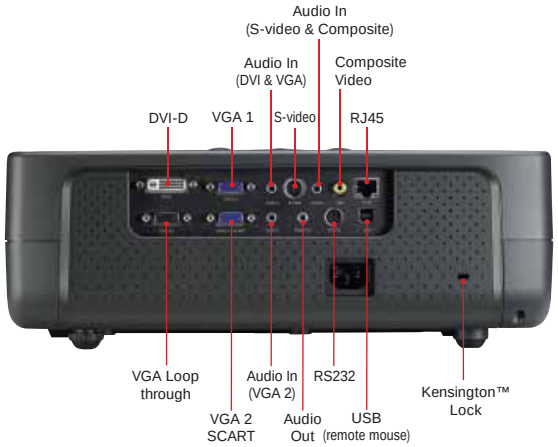


Bright,Vivid Colours with 5 segment colour wheel

5 Preset User Modes

PC, Photo, Video, sRGB, User

Network Management Setup



Specifications

Display Technology	0.7" XGA DC3 Double Data Rate (DDR) DLP® Technology Texas Instruments
Resolution	Native: XGA 1024 x 768 up to 1600 x 1200 UXGA compressed
Brightness	4000/3500 ANSI Lumens (BRIGHT/STD mode)
Contrast Ratio	3000:1
Weight	3.6 Kg
Dimensions (W x H x D)	340 x 127 x 260mm
Lamp Life *	2000/3000 hours (BRIGHT/STD mode)
Noise Level	32/30dB (BRIGHT/STD mode)
Remote Control	Full Function Remote Mouse with Laser and Direct Source selecting
INPUTS:	DVI-D HDCP, Digital RGB (HDMI via adaptor) 2 x 15 Pin D-Sub VGA (SCART and component via adaptor) S-Video Composite RCA Jack 3 x 3.5mm Stereo Jack
CONTROL	RS232 3 Pin Mini DIN & RJ45 Network Control
OUTPUTS:	PC 15 Pin D-Sub (monitor loop-through) 3.5mm Stereo Jack
Audio	2 x 2w Speaker
Aspect Ratio	4:3 Native 16:9 compatible
Keystone Correction	± 16° degrees Vertical and Horizontal
On Screen Display	14 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian and Danish
Video Compatibility	PAL SECAM 625/576i\p, NTSC 525/480i\p, HD 720p/1080i
Uniformity	85%
Displayable Colours	16.7 Million
Projection Lens	f=28 ~ 33.6mm, F/2.4 ~ 2.6, 1.2x Manual Focus
Throw Ratio	2.0 ~ 2.4:1 (Projection Distance:Image Width)
Projection Distance	1.2 - 12m
Image Size	0.75 - 7.51m (29.6" to 295") Diagonal 4:3
Horizontal Scan Rate	31 – 91.1kHz
Vertical Scan Rate	43 - 85Hz
Lamp Type	300 watt Osram Lamp
Power Supply	100-240V, 50-60Hz with PFC Power Supply
Power Consumption	360W Maximum, Standby < 20W
Operating Conditions	Operating: 5 - 35°C, 80% Humidity (Max), 3000m Altitude (Max)
Security	One Kensington Lock Port, Password Protection
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, S-Video Cable, RS232 Cable, Full Function Remote, Batteries x 2, USB Cable Quick Start Guide, CD User Manual, Warranty Card, WEEE Card
RoHS	Compliant
Lamp Warranty	6 months or 1000 hours – whichever is soonest
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details

EP780 Projection Distance 1.2 - 12m (4:3 Aspect Ratio)

Projection Distance (m)	Max. Horizontal Image size (m)	Min. Horizontal Image size (m)	Max. Screen Height (m)	Min. Screen Height (m)	Max. Diagonal Image Size (m)	Max. Diagonal Image Size (Inch)	Max. Image Offset	Short-Throw Option Max. Horizontal (m)
1.20	0.60	0.50	0.45	0.38	0.75	29.55	0.07	0.72
2.00	1.00	0.83	0.75	0.63	1.25	49.26	0.11	1.20
2.50	1.25	1.04	0.94	0.78	1.56	61.57	0.14	1.50
3.00	1.50	1.25	1.13	0.94	1.88	73.89	0.17	1.80
4.00	2.00	1.67	1.50	1.25	2.50	98.51	0.23	2.40
5.00	2.50	2.08	1.88	1.57	3.13	123.14	0.28	3.00
6.00	3.00	2.50	2.26	1.88	3.75	147.77	0.34	3.60
7.00	3.50	2.92	2.63	2.19	4.38	172.40	0.39	4.20
8.00	4.00	3.33	3.01	2.51	5.00	197.03	0.45	4.80
9.00	4.50	3.75	3.38	2.82	5.63	221.66	0.51	5.40
10.00	5.00	4.17	3.76	3.13	6.26	246.29	0.56	6.00
11.00	5.50	4.58	4.14	3.45	6.88	270.91	0.62	6.60
12.00	6.00	5.00	4.51	3.76	7.51	295.54	0.68	7.20

For guide purposes only

EP780 is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ to that of above.

Optoma recommends Panoview screens

Panoview

www.panoview.eu

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www.optomaeurope.com

*Typical lamp life achieved through testing. Will vary according to operational use and environment conditions.

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